|                  | Yndex of Claims                |          |                |               |               |        |          |          |   |            |           |            |          |       | Application/Control No. |                        |          |          |           |           |           |           | A       | Applicant(s)/Patent under |               |               |          |           |        |          |           |        |          |           |           |  |
|------------------|--------------------------------|----------|----------------|---------------|---------------|--------|----------|----------|---|------------|-----------|------------|----------|-------|-------------------------|------------------------|----------|----------|-----------|-----------|-----------|-----------|---------|---------------------------|---------------|---------------|----------|-----------|--------|----------|-----------|--------|----------|-----------|-----------|--|
|                  |                                |          |                |               |               |        |          |          |   |            |           |            |          |       | 10/811 629              |                        |          |          |           |           |           |           |         |                           | Reexamination |               |          |           |        |          |           |        |          |           |           |  |
|                  |                                |          |                |               |               |        |          |          |   |            |           |            |          |       |                         | 10/811,638<br>Examiner |          |          |           |           |           |           |         |                           |               | FENDER ET AL. |          |           |        |          |           |        |          |           |           |  |
|                  |                                |          |                |               |               |        |          |          |   |            |           |            |          |       |                         |                        |          |          |           |           |           |           |         |                           |               |               |          |           |        | 1        |           |        |          |           |           |  |
|                  |                                |          |                |               |               |        |          |          |   |            |           |            |          |       | Nathan M. Nutter        |                        |          |          |           |           |           |           |         |                           | 1711          |               |          |           |        |          |           |        |          |           |           |  |
|                  | √ Rejected — (Through numeral) |          |                |               |               |        |          |          |   |            |           |            |          |       | al)                     |                        |          |          |           |           |           |           | 1       | Г                         | Γ             |               |          |           |        |          |           |        |          |           |           |  |
|                  |                                |          | Ľ              | Ľ             | (ej           | ect    | ea<br>—  |          |   | L          | 1         |            |          | C     | anc                     | lie                    | d        |          |           |           | N NON-E   |           |         | LIEC                      | lected        |               | A        |           | Appeal |          |           |        |          |           |           |  |
| <b>□</b> Allowed |                                |          |                |               |               |        |          |          |   | .          |           | Restricted |          |       |                         |                        |          |          | I Interfe |           |           |           | ere     | rence                     |               |               | Objected |           |        |          |           |        |          |           |           |  |
|                  |                                |          |                | <u>~  </u>    |               |        |          |          | L | T          |           |            |          |       |                         |                        |          |          | Ш         |           |           |           |         |                           | L_            |               |          |           |        |          | ı         |        |          |           |           |  |
|                  | Cli                            | T        | 호 Date         |               |               |        | _        | _        | _ |            |           | Claim      |          |       |                         | _                      |          | ete      | te        |           |           |           | Clair   |                           | L             | _             | Date     |           |        |          |           |        |          |           |           |  |
|                  | Final                          | ia       | 7-             | 2-97-         |               | 1      |          |          |   |            | ı         | 200        |          | Final | Original                |                        |          |          |           |           |           |           |         |                           | Final         | inaf          |          |           |        |          |           |        |          |           |           |  |
|                  | ιĒ                             | Original | 11-18          | 1,7           | 12            |        | l        |          |   | l          | l         | 2          |          | Ē     | 18                      |                        |          |          | П         |           |           | - [       |         |                           | Ē             | Original      |          |           |        |          |           |        |          |           |           |  |
|                  |                                | 0        | . –            | N             | _             |        |          |          |   | t          | $\dagger$ |            |          |       | Si                      | 十                      | 1        |          | Н         |           | $\exists$ | 1         | $\pm$   | -                         |               | 101           |          | Н         |        |          | Н         | Н      |          | Н         | Н         |  |
|                  |                                | 3        | H              | $\prod$       | Н             | -      | -        |          |   | F          | 7         | $\Box$     |          |       | 52<br>53                |                        | L        | Ľ        |           |           | $\Box$    | $\dashv$  | 4       |                           |               | 102           |          | П         |        |          |           |        |          | Н         | Ц         |  |
|                  |                                | 4        | $\parallel$    | lt            | Н             |        | 上        |          | 1 | $^{\perp}$ | $\dagger$ |            |          |       | 54                      | T                      | $\vdash$ | -        | Н         |           |           | $\exists$ | $\pm$   | Ⅎ                         | $\vdash$      | 103           |          |           |        |          |           |        | Н        |           |           |  |
|                  |                                | 5        | $\prod$        | $\prod$       | $\prod$       | F      | L        |          | L | L          | 4         |            |          |       | 55<br>56                | F                      | L        |          |           |           | $\Box$    | $\exists$ | $\perp$ | 7                         |               | 105<br>106    | Į.       | Н         |        |          |           |        | Н        | П         |           |  |
|                  |                                | 7        | Ш              | H             | Ħ             | t      | t        |          |   | t          | t         |            | ░        |       | 57                      | 士                      |          |          |           |           | $\exists$ | 7         | $\pm$   | ┪                         |               | 107           |          |           |        |          |           |        | $\vdash$ |           |           |  |
|                  |                                | 8        | H              | H             | П             | Ι.     | L        |          | L | L          | Ŧ         | 4          |          |       | 58<br>59                | F                      | L        | _        | П         |           | $\exists$ | $\neg$    | 4       | 7                         |               | 108<br>109    |          |           |        |          |           |        |          |           |           |  |
|                  |                                | 10       | H              | H             | H             | t      | $\vdash$ | H        | 1 | t          | $\dagger$ |            | ░ႃႃ      |       | 60                      |                        | L        | E        | Н         |           | $\exists$ | _         | $\pm$   | Ⅎ░                        |               | 110           |          |           |        |          |           |        |          | _         | H         |  |
|                  |                                | 11<br>12 | Z<br>-         | 1             | N             | -      | _        |          | L | F          | 4         |            |          |       | 61<br>62                | +                      | L        |          | Н         | $\exists$ | _         | 4         | 4       | 7                         |               | 111<br>112    | Ļ        | Н         |        |          |           |        |          | Ι         | Ţ         |  |
|                  |                                | 13       | V              |               | Ï             |        | L        |          |   | t          | 1         |            |          |       | 63                      |                        |          |          | Н         |           | $\exists$ | 1         | 士       | ┪                         |               | 113           |          |           |        |          |           | Ш      |          | H         | Н         |  |
|                  |                                | 14       | $\prod$        | ${\mathbb F}$ | Н             | $\bot$ | L        |          | Н | F          | Ŧ         |            |          |       | 64<br>65                |                        | F        | F        | Н         | $\Box$    | $\dashv$  | 4         | 4       | 7                         |               | 114           |          | Н         |        |          | Ι         | П      | Τ        |           | Н         |  |
|                  |                                | 16       | 肚              |               | Ш             | t      | T        |          |   | t          | 1         |            |          |       | 66                      |                        | L        |          |           |           |           | ╛         | 土       | ╛                         |               | 116           |          |           |        |          |           |        |          |           | Ħ         |  |
|                  |                                | 17<br>18 | ₩              | ╟             | H             | ╀      | Ͱ        | -        | ┡ | ╀          | +         | -          | *        | -     | 67<br>68                | ╀                      | ┝        | _        | Н         |           | -         | $\dashv$  | -       | ┩                         | -             | 117           | $\vdash$ | Н         | Н      | $\vdash$ | Н         | Н      | Н        | $\vdash$  | Н         |  |
|                  |                                | 19       | 比              | 上             | 世             | 上      |          |          | Ш | L          | 1         |            | ľ        |       | 69                      | 士                      |          |          |           |           | ╛         | ⇉         | 土       |                           |               | 119           |          |           |        |          |           |        | П        |           |           |  |
|                  | _                              | 20       | ₩              | ╟             | ₩             | ╀      | ╀        | H        | ┝ | ┞          | +         | -          | ░.       |       | 70<br>71                | ╁                      | ╀        | H        | Н         | $\dashv$  | $\dashv$  | ┥         | +       | -                         |               | 120<br>121    | ┢        | Н         |        | -        | Н         | Н      | Н        | Н         | Н         |  |
|                  |                                | 22       | $\parallel$    | I             | Ħ             | T      |          |          |   | L          | 1         |            |          |       | 72                      |                        | L        | F        |           | $\Box$    |           | #         | 工       |                           |               | 122           |          |           |        |          |           |        |          |           |           |  |
|                  | -                              | 23       | H              | H             | H             | ╁      | ┝        | Н        | ┝ | ┝          | +         | -          | ░        | _     | 73<br>74                |                        | ┝        | H        | Н         | $\dashv$  | ┥         | ┥         | ╬       | -                         | _             | 123<br>124    |          | Н         | Н      |          | Н         | Н      | Н        | Н         | Н         |  |
|                  |                                | 25       | 芁              | ļ             | Ц             | I      |          |          |   | L          | #         |            |          |       | 75                      | T                      | Γ        |          |           |           | コ         | $\Box$    | 丰       | 1                         |               | 125           |          |           |        |          | П         |        | П        |           |           |  |
|                  | -                              | 26<br>27 | N              | Z             |               | ╁      | ╁        | Н        | H | ┝          | ╁         | - }        | ∦        |       | 76<br>77                | ┿                      | ┢        | H        | Н         | $\dashv$  | ┥         | ┪         | +       | ┨                         | _             | 126<br>127    | ┢        | Н         | _      | -        | Н         | Н      | Н        | Н         | $\dashv$  |  |
|                  |                                | 28       | 1              | Π             | 1             | Τ      | L        |          |   | L          | 1         |            | 1        |       | 78                      |                        | L        |          |           |           | $\dashv$  | 7         | 1       |                           |               | 128           |          |           |        |          | П         |        |          |           |           |  |
| :                |                                | 29<br>30 | _              |               | _             | ╁      | ╁        | Н        | ┝ | ╁          | +         | -          |          |       | 79<br>80                | ╁                      | ┢        | H        | Н         | $\dashv$  | $\dashv$  | $\dashv$  | +       | -                         | -             | 129<br>130    | _        | Н         | Н      |          | Н         | Н      | Н        | Н         | Н         |  |
|                  |                                | 31       | Π              | П             | Ц             | -      | ļ        |          |   | L          | 1         |            | 1        |       | 81                      | Ţ                      | L        |          |           | $\Box$    | 耳         | $\exists$ | 1       | ]                         |               | 131           |          |           |        |          |           | П      |          | П         |           |  |
|                  |                                | 32<br>33 | -              | ${\mathbb H}$ | -             | -      | ┢        | H        | H | H          | $\dagger$ | -          | ∦        |       | 82<br>83                |                        | ┢        | -        | Н         |           | $\dashv$  | +         | +       | -                         |               | 132<br>133    |          |           |        |          |           |        |          | Fire      |           |  |
|                  |                                | 34<br>35 |                | Į.            |               |        | Г        |          |   | F          | Ŧ         |            |          |       | 84<br>85                | _                      | F        |          |           | $\Box$    | $\Box$    | 7         | 7       | 7                         |               | 134<br>135    |          |           |        |          |           |        |          |           |           |  |
|                  |                                | 36       | -              | 7             | _             |        |          | $\vdash$ | Ė | t          | $\dagger$ | _          | ŀ        |       | 86                      | _                      |          |          | Н         |           |           | 7         | +       | _                         |               | 136           | _        |           |        |          | Н         |        |          |           | $\exists$ |  |
|                  |                                | 37<br>38 |                | H             | H             | -      | L        |          | Е | F          | 7         | $\exists$  | -        |       | 87<br>88                | F                      | L        |          | П         | $\Box$    | 4         | $\dashv$  | 4       | 7                         |               | 137<br>138    | F        |           |        |          |           |        | П        |           |           |  |
|                  |                                | 39       |                | $\dagger$     | Ħ             | -      |          |          |   | t          | 1         |            | ŀ        |       | 89                      |                        |          |          |           |           | ╛         | $\exists$ | $\pm$   | Ⅎ                         |               | 139           |          |           |        |          |           |        |          |           | ╛         |  |
|                  |                                | 40<br>41 | Г              | -             | ${\mathbb H}$ | -      | L        |          |   | L          | Ŧ         |            |          |       | 90<br>91                | F                      | L        |          |           |           | 4         | 4         | 4       | 7                         | -             | 140           |          | П         |        |          | $\Box$    | П      | Π        |           | $\Box$    |  |
|                  |                                | 42       |                | I             | П             | 上      |          |          |   | t          | İ         |            | ı        | _     | 92                      | _                      |          |          |           |           |           | 士         | 土       | 1                         |               | 142           |          | $\exists$ |        |          | $\Box$    | $\Box$ |          | $\exists$ | d         |  |
|                  |                                | 43 44    | <del>  -</del> |               | H             | F      | F        | H        | _ | F          | +         | -          | <b>[</b> | _     | 93<br>94                | _                      | F        | H        | H         | $\dashv$  | 4         | $\dashv$  | Ŧ       | -                         |               | 143           |          | П         | H      |          | $\square$ | Н      | H        |           | Н         |  |
|                  |                                | 45       |                |               | U             | -      |          |          |   | İ          | #         |            |          | _     | 95                      |                        | 匚        |          | Ħ         | コ         | ゴ         | #         | 士       | 1                         |               | 145           |          |           |        |          |           | $\Box$ |          |           |           |  |
|                  |                                | 47       |                | L             | ٧             | ╀      | $\vdash$ | Н        | _ | ┞          | +         | -          | *        | 1     | 96<br>97                | +                      | H        | H        | H         | 4         | 4         | $\dashv$  | +       | -{                        |               | 146           |          | $\vdash$  |        |          | $\Box$    | Н      | Н        |           | $\dashv$  |  |
|                  |                                | 48       |                |               |               | ļ      |          |          |   | L          | 1         |            |          |       | 98                      | 丰                      |          |          | 口         | コ         | 1         | コ         | 士       |                           |               | 148           | -        |           |        |          |           |        |          |           | 口         |  |
|                  |                                | 49<br>50 | -              | -             | $\vdash$      | ╀      | -        | Н        |   | -          | +         | _          | *        |       | 99                      |                        | ╀        | $\vdash$ | Н         | 4         | 4         | +         | +       | -                         |               | 149           |          | Н         | Н      |          | Ц         | Н      | Н        | Н         | Н         |  |